

ABSTRACT OF THE DISCLOSURE

An interface system for interfacing a computer to a battery-powered sensor system is disclosed. The interface system includes first and second modules coupled between the computer and the battery-powered system. The interface system operates independent of the sensor system with respect to transmitting and receiving data to/from the computer and receiving sensor data, respectively, but cooperate when transferring data therebetween. One module of the interface system, which includes a microcomputer and memory, adapts data format in accordance with the timing and data format requirements of the computer and the battery-powered sensor system. The other module of the interface system enables the exchange of data between the battery-powered sensor system and the computer despite differing operating voltage ranges.

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